

CLAIMS

What is Claimed is:

1. Method of reinforcing a metal container against seismic or paraseismic stresses, in which the metal container is surrounded over at least part of its height with carbon fibre fabric bonded to the external surface of the metal container and in which the carbon fibre fabric is placed in bands extending substantially around the entire circumference of the metal container, predominantly in a direction substantially perpendicular to an axis of the metal container.

2. Method according to Claim 1, in which the carbon fibre fabric is bonded to the external surface of the metal container in such a way that the carbon fibres lie predominantly along a direction substantially perpendicular to an axis of the metal container.

3. Method according to Claim 1, in which the metal container is at least partly filled and in which the metal container is surrounded with a carbon fibre fabric without the metal container being emptied.

4. Method according to Claim 1, in which the carbon fibre fabric is bonded to the external surface of the metal container so as to bypass projecting regions on the said part of the external surface of the metal container.

5. Method according to Claim 1, in which the carbon fibre fabric is bonded to the external surface of the metal container in several superposed layers.

6. Method according to Claim 5, in which the number of superposed layers of the carbon fibre fabric varies with the height along the metal container.

7. Method according to Claim 5, in which the carbon fibre fabric is placed in bands and in which the superposed layers are offset with another by half the width of a band.

8. Metal container reinforced against seismic or in which the metal container is paraseismic stresses, surrounded over at least part of its height with carbon fibre fabric bonded to the external surface of the metal container, the carbon fibre fabric being placed in bands extending substantially around the entire circumference of the metal container, predominantly in a direction substantially perpendicular to an axis of the metal container.

9. Metal container according to Claim 8, in which the carbon fibre fabric is bonded to the external surface of the metal container in such a way that the carbon fibres lie predominantly along a direction substantially perpendicular to an axis of the metal container.

10. Metal container according to Claim 8, at least partly filled, the metal container being surrounded with a carbon fibre fabric without being emptied.

11. Metal container according to Claim 8, in which the carbon fibre fabric is bonded to the external surface of the metal container so as to bypass projecting regions on the said part of the external surface of the metal container.

12. Metal container according to Claim 8, in which the carbon fibre fabric is bonded to the external surface of the metal container in several superposed layers.

13. Metal container according to Claim 12, in which the number of superposed layers of the carbon fibre fabric varies with the height along the metal container.

14. Metal container according to Claim 12, in which the carbon fibre fabric is placed in bands and in which the superposed layers are offset with respect to one another by half the width of a band.